

## ABSTRACT OF THE DISCLOSURE

An object interaction expression apparatus for expressing interactions between plural objects that move by simulation in a virtual space is provided. The apparatus includes an expression mode  
5 storing unit, an interaction magnitude calculating unit and an expression controller. The expression mode storing unit stores in a correlated form an interaction magnitude of an object and a corresponding expression mode in which the interaction magnitude will be expressed. The interaction magnitude calculating unit calculates interaction  
10 magnitudes of objects that interact with each other. The expression controller controls an expression of the interaction magnitude of the objects that interact with each other based on the expression modes stored corresponding to the interaction magnitude calculated.